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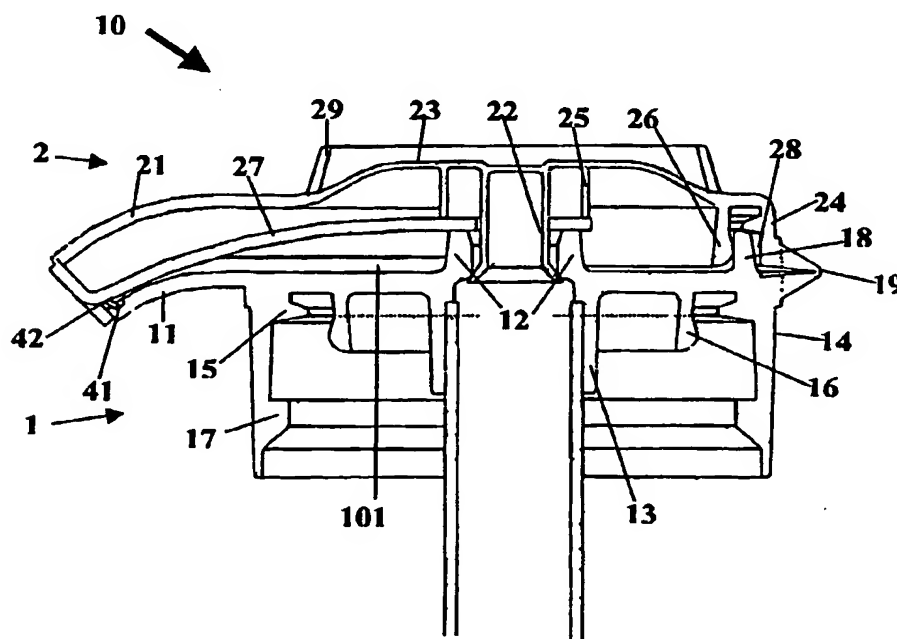
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[Continued on next page]

(54) Title: DISPENSING CAP



(57) Abstract: A dispensing cap for bottles consisting of a lower mounting part fixed onto neck of bottle, an upper covering part containing the dispensing parts such as valve and opening members, sealing elements between the cap and the bottle for gas-proof sealing, outlet for pouring liquid, tube support for holding the tube of siphon structure and known completing elements if necessary, characterized by that it contains an irreversibly removable fixing member (27) preventing dispensing.

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# INTERNATIONAL SEARCH REPORT

International Application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B65D47/20 B05B11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65D B67D B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 036 170 A (PITOCCO ROBERTO JOSE) 14 March 2000 (2000-03-14)	1,2,10
Y	column 3, line 10 - column 4, line 52; figures 3-5	5-7
X	EP 1 108 477 A (CANYON CORP) 20 June 2001 (2001-06-20) figures 1-3b	1,2,4
X	US 5 894 962 A (SONG CHRISTOPHER CHAN-WOO ET AL) 20 April 1999 (1999-04-20) column 2, line 30 - line 63; figures 2-5	1,2,8
X	US 6 543 649 B1 (COSTA LLUIS ET AL) 8 April 2003 (2003-04-08) figures 1-8	1,2
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

Date of the actual completion of the international search

5 November 2004

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International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 420 561 A (LAWSON MARDON GROUP UK LTD) 3 April 1991 (1991-04-03) figure 3 -----	5,6
Y	US 4 995 534 A (NORMAN RICHARD O) 26 February 1991 (1991-02-26) column 4, line 8 - line 21; figure 3 -----	7
A	US 4 795 044 A (BECK JAMES M) 3 January 1989 (1989-01-03) figures 6,7 -----	10
A	US 6 390 022 B1 (LOONEY JACK ET AL) 21 May 2002 (2002-05-21) column 4, line 13 - line 23; figure 4 -----	9
A	DE 101 09 706 A (IN VITRO SYSTEMS & SERVICES GM) 22 August 2002 (2002-08-22) paragraphs [0022], [0052]; figure 3 -----	9
A	US 5 413 250 A (GUERET JEAN-LOUIS) 9 May 1995 (1995-05-09) column 13, line 15 - line 23; figure 11 -----	9
A	US 5 971 215 A (BARTSCH ERIC R) 26 October 1999 (1999-10-26) column 1, line 45 - column 2, line 51; figures 1-6 -----	9
A	EP 0 279 754 A (LANGLOYS HUGUES) 24 August 1988 (1988-08-24) column 1, line 29 - column 2, line 17; figures 1,2 -----	9

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/HU2004/000034

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

As a result of the prior review under R. 40.2(e) PCT,  
no additional fees are to be refunded.

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☒ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8,10

1.1. claims: 1,2,3,4,8,10

a dispensing cap for bottles consisting of a lower mounting part fixed onto the neck of a bottle, an upper covering part containing the dispensing parts such as valve and opening members, sealing elements between the cap and the bottle, outlet for pouring liquid, tube support and an irreversibly removable fixing member preventing dispensing whereby the outlet consists of an outlet base belonging to the mounting part and an outlet over belonging to the cover and the valve and the opening elements consist of a valve case belonging to the mounting part and a valve belonging to the cover

1.2. claims: 5,6,7

a dispensing cap for bottles consisting of a lower mounting part fixed onto the neck of a bottle, an upper covering part containing the dispensing parts such as valve and opening members, sealing elements between the cap and the bottle, outlet for pouring liquid, tube support and an irreversibly removable fixing member preventing dispensing whereby specific sealing elements (a fixing flange, a sealing stub, a collar seating in a groove) are provided.

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2. claim: 9

a dispensing cap for bottles consisting of a lower mounting part fixed onto the neck of a bottle, an upper covering part containing the dispensing parts such as valve and opening members, sealing elements between the cap and the bottle, outlet for pouring liquid, tube support and an irreversibly removable fixing member preventing dispensing whereby dowel holes are formed in the mounting part and dowel pins entering the dowel holes are formed in the cover to join permanently together the lower and upper parts of the dispensing cap

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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